

ABSTRACT

An optically active color filter for controlling the color of light produced by a light source. The color filter includes an optically active device positioned between a linear polarizer and an adjustable position linear polarizer whose orientation can be controlled mechanically or electrically. In a preferred embodiment, the optically active device contains an liquid optically active substance such as high maltose corn syrup. The optically active color filter may be used for controlling the color of a light source such as a stage light or spotlight and in other applications requiring a device for controlling the color of a light source.